AUTHOR INDEX TO VOLUME 32 (1988)

Barenholz, Y., see Schroeder, F. (32) 57

Borowiak, M.A.
The elementary catalytic system model as a building unit of large enzymatic systems. General model (32) 21

Bucci, E., Malak, H., Fronticelli, C., Gryczynski, I., Laczko, G. and Lakowicz, J.R.
Time-resolved emission spectra of hemoglobin on the picosecond time scale (32) 187

Buchet, R. and Luan, C.H.
Dielectric spectroscopy of L-α-lysolecithin-packaged gramicidin A (32) 199

Bulliman, B.T., see Kuchel, P.W. (32) 89

Burger, W., see Kuil, M.E. (32) 211

Cader, B.M. and Horrocks, Jr, W.D.W.
A laser-induced europium(III) ion luminescence study of the interaction of this ion with phospholipid bilayer vesicles above and below the gel to liquid-crystalline phase transition temperature (32) 97

Castaing, M., see Pernice, P. (32) 15

Chapman, B.E., see Kuchel, P.W. (32) 89

Crowl-Powers, M.L. and Zimmerman, J.K.
The determination of equilibrium constants for heterogeneous macromolecular interactions. Systems forming 2 : 1 complexes (32) 131

Daniels, M., Shaar, C.S. and Morgan, J.P.
Sequence-dependent emission from stacked forms of ApC and CpA. Evidence for stacked base ('dimer') absorption and left-handed stacked conformation (32) 229

Derezhkov, V.Y., see Permyakov, E.A. (32) 37

De Santis, P., Palleschi, A., Savino, M. and Scipioni, A.
A theoretical model of DNA curvature (32) 305

Di Cera, E. and Gill, S.J.
A new method for the determination of equilibrium constants through binding capacity measurements (32) 149

Dolcet, C. and Tarazona, M.P.
Conformational properties of a polyglycine chain with secondary and tertiary structures of lysozyme (32) 247

Eftink, M.R. and Wasylewski, Z.
Pressure dependence of fluorescence quenching reactions in proteins (32) 121

Fernández, A.
Dispersion of tertiary structures for an ensemble of primary sequences at an externally induced transition of correlation regimes (32) 167

Fronticelli, C., see Bucci, E. (32) 187

Gaggelli, E., Maccotta, A., Scopa, A. and Valensin, G.
Conformational dynamics of cytochalasin B in solution as detected by ^{13}C and ^{1}H NMR relaxation rates (32) 297

Gill, S.J., see Di Cera, E. (32) 149

Gratton, E., see Schroeder, F. (32) 57

Gryczynski, I., Wiczk, W., Johnson, M.L. and Lakowicz, J.R.
Lifetime distributions and anisotropy decays of indole fluorescence in cyclohexane/ethanol mixtures by frequency-domain fluorometry (32) 173

Gryczynski, I., see Bucci, E. (32) 187

Gryczynski, I., see Wiczk, W.M. (32) 43

Horrocks, Jr, W.D.W., see Cader, B.M. (32) 97

Johnson, M.L., see Gryczynski, I. (32) 173

Johnson, M.L., see Wiczk, W.M. (32) 43

Kaatze, U. and Lautscham, K.
High-frequency ultrasonic absorption spectroscopy on aqueous suspensions of phospholipid bilayer vesicles (32) 153

Kalinichenko, L.P., see Permyakov, E.A. (32) 37

Khaitlina, S.Y., see Kuznetsova, I.M. (32) 73

Konditerov, S.N., see Kuznetsova, I.M. (32) 73

Kondo, T., see Ohshima, H. (32) 161

Kraus, J.L., see Pernice, P. (32) 15

Kruk, J.
Physicochemical properties of charge-transfer complexes of plastoquinone and α-tocopherol quinone, and their possible role in vivo (32) 51

Kruszynski, M., see Wiczk, W.M. (32) 43

Kuchel, P.W., Bulliman, B.T. and Chapman, B.E.
Mutarotase equilibrium exchange kinetics studied by ^{13}C-NMR (32) 89

Kuil, M.E., Van Mourik, F., Burger, W. and Van Grondelle, R.
The internal dynamics of gene 32 protein–DNA complexes studied by quasi-elastic light scattering (32) 211

Kuznetsova, I.M., Khaitlina, S.Y., Konditerov, S.N., Surin, A.M. and Turoverov, K.K.
Changes of structure and intramolecular mobility in the course of actin denaturation (32) 73

Laczko, G., see Bucci, E. (32) 187
Lakowicz, J.R., see Bucci, E. (32) 187
Lakowicz, J.R., see Gryczynski, I. (32) 173
Lautscham, K., see Kaatze, U. (32) 153
Luan, C.H., see Buchet, R. (32) 199

Maccotta, A., see Gaggelli, E. (32) 297
Malak, H., see Bucci, E. (32) 187
Maroudas, A., Weinberg, P.D., Parker, K.H. and Winlove, C.P.
The distributions and diffusivities of small ions in chondroitin sulphate, hyaluronate and some proteoglycan solutions (32) 257
Maroudas, A., see Parker, K.H. (32) 271
Ménassa, P., see Pernice, P. (32) 15
Morgan, J.P., see Daniels, M. (32) 229
Morozova, L.A., see Permyakov, E.A. (32) 37

Nemecz, G., see Schroeder, F. (32) 57
Norman, J.A., see Somogyi, B. (32) 1

Ohshima, H. and Kondo, T.
pH dependence of electrostatic interaction between ion-penetrable membranes (32) 161
Oplatka, A.
Evaluation of mechanical parameters of the mechanochemically 'active state' of actin filaments on the basis of purely chemical data (32) 111

Palleschi, A., see De Santis, P. (32) 305
Parker, K.H., Winlove, C.P. and Maroudas, A.
The theoretical distributions and diffusivities of small ions in chondroitin sulphate and hyaluronate (32) 271
Parker, K.H., see Maroudas, A. (32) 257
Pedersen, J.B. and Pedersen, S.M.
Effect of a contaminating competitive ligand on ligand-binding curvesInverse protein concentration dependence (32) 79
Pedersen, S.M., see Pedersen, J.B. (32) 79
Permyakov, E.A., Morozova, L.A., Kalinichenko, L.P. and Derezhkov, V.Y.
Interaction of α-lactalbumin with Cu^{2+} (32) 37
Pernice, P., Castaing, M., Ménassa, P. and Kraus, J.L.
A comparative study of the permeation of dihexadecyl phosphate vesicles by various carboxylic acids and some of their tetrazole analogues (32) 15

Rosenberg, A., see Somogyi, B. (32) 1

Savino, M., see De Santis, P. (32) 305
Schroeder, F., Nemecz, G., Gratton, E., Barenholz, Y. and Thompson, T.E.
Fluorescence properties of cholestatrienol in phosphatidylcholine bilayer vesicles (32) 57
Scipioni, A., see De Santis, P. (32) 305
Scopa, A., see Gaggelli, E. (32) 297
Shaar, C.S., see Daniels, M. (32) 229
Somogyi, B., Norman, J.A., Zempel, L. and Rosenberg, A.
Viscosity and transient solvent accessibility of Trp-63 in the native conformation of lysozyme (32) 1
Sonnen, W.E., Wesenberg, G.E. and Vaughan, W.E.
Dielectric behavior of polyelectrolytes. VI. Dynamic response of cylindrical biopolymers to electric fields (32) 283
Suda, H.
The friction constants of bundle-like particles in solution (32) 239
Surin, A.M., see Kuznetsova, I.M. (32) 73
Szmacinski, H., see Wiczk, W.M. (32) 43

Tarazona, M.P., see Dolcet, C. (32) 247
Thompson, T.E., see Schroeder, F. (32) 57
Turoverov, K.K., see Kuznetsova, I.M. (32) 73

Valensin, G., see Gaggelli, E. (32) 297
Van Grondelle, R., see Kuil, M.E. (32) 211
Van Mourik, F., see Kuil, M.E. (32) 211
Vaughan, W.E., see Sonnen, W.E. (32) 283

Wasylewski, Z., see Eftink, M.R. (32) 121
Weinberg, P.D., see Maroudas, A. (32) 257
Wesenberg, G.E., see Sonnen, W.E. (32) 283
Wiczk, W., see Gryczynski, I. (32) 173
Wiczk, W.M., Gryczynski, I., Szmacinski, H., Johnson, M.L., Kruszynski, M. and Zboinska, J.
Distribution of distances in thiopeptides by fluorescence energy transfer and frequency-domain fluorometry (32) 43
Winlove, C.P., see Maroudas, A. (32) 257
Winlove, C.P., see Parker, K.H. (32) 271

Zboinska, J., see Wiczk, W.M. (32) 43
Zempel, L., see Somogyi, B. (32) 1
Zimmerman, J.K., see Crowl-Powers, M.L. (32) 131

SUBJECT INDEX TO VOLUME 32 (1988)

N-Acetyl-L-tryptophanamide
Fluorescence quenching; Pressure dependence; Activation volume; Volume change; Melittin; Parvalbumin; Ribonuclease T_1; Fluorescence lifetime (Eftink, M.R. (32) 121)

Acoustic relaxation
Ultrasonic spectroscopy; Sound absorption coefficient; Phospholipid vesicle; Rotational isomerization (Kaatze, U. (32) 153)

Actin
Intrinsic fluorescence; Intramolecular mobility; Intermediate state (Kuznetsova, I.M. (32) 73)

ATPase; DNase 1; Heavy meromyosin; Mechanochemistry (Oplatka, A. (32) 111)

Activation volume
Fluorescence quenching; Pressure dependence; Volume change; Melittin; Parvalbumin; Ribonuclease T_1; N-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Adenylyl-3′,5′-cytidine
Sequence-dependent emission; Excimer emission; Dimer emission; Stacked absorption; Cytidylyl-3′,5′-adenosine (Daniels, M. (32) 229)

Aldose-1-epimerase
Mutarotase; Glucose anomerization; two-dimensional NMR spin-exchange spectroscopy; (Porcine kidney) (Kuchel, P.W. (32) 89)

Association constant
Macromolecular interaction; Light scattering (Crowl-Powers, M.L. (32) 131)

ATPase
Actin; DNase 1; Heavy meromyosin; Mechanochemistry (Oplatka, A. (32) 111)

Bilayer vesicle
Europium(III) luminescence; Laser spectroscopy; Phospholipid; Phosphatidylcholine (Cader, B.M. (32) 97)

Binding data analysis
Protein-ligand binding; Protein dependence; Competitor; Contaminant (Pedersen, J.B. (32) 79)

Binding site
α-Lactalbumin; Cu^{2+}; Ca^{2+}; Intrinsic fluorescence (Permyakov, E.A. (32) 37)

Bundle-like particle
Friction constant (Suda, H. (32) 239)

Ca^{2+}
α-Lactalbumin; Cu^{2+}; Binding site; Intrinsic fluorescence (Permyakov, E.A. (32) 37)

Carboxylic acid
Tetrazole; Dihexadecyl phosphate vesicle; Permeation; Model membrane (Pernice, P. (32) 15)

Catalytic system, elementary
Catalytic system, modeling; Enzymatic system, general model (Borowiak, M.A. (32) 21)

Catalytic system, modeling
Catalytic system, elementary; Enzymatic system, general model (Borowiak, M.A. (32) 21)

Charge-transfer complex
Plastoquinone; α-Tocopherol quinone; Thylakoid membrane (Kruk, J. (32) 51)

Cholestatrienol
Cholesterol; Model membrane; Fluorescence; Lifetime distributional analysis; Small unilamellar vesicle (Schroeder, F. (32) 57)

Cholesterol
Cholestatrienol; Model membrane; Fluorescence; Lifetime distributional analysis; Small unilamellar vesicle (Schroeder, F. (32) 57)

Chondroitin sulfate
Small ion distribution; Small ion diffusivity; Hyaluronate; Proteoglycan solution (Maroudas, A. (32) 257)

Small ion distribution; Small ion diffusivity; Hyaluronate; Poisson-Boltzmann equation (Parker, K.H. (32) 271)

Coil adsorption
Statistical mechanics; Random inhomogeneous polymer; Quenched disorder; Replica trick; Polymer phase transition (Fernández, A. (32) 167)

Competitor
Protein-ligand binding; Protein dependence; Binding data analysis; Contaminant (Pedersen, J.B. (32) 79)

Conformational energy calculation
DNA curvature (De Santis, P. (32) 305)

Contaminant
Protein-ligand binding; Protein dependence; Binding data analysis; Competitor (Pedersen, J.B. (32) 79)

Counterion interaction
Polyelectrolyte; Dielectric relaxation; Kerr effect; DNA oligomer (Sonnen, W.E. (32) 283)

Cu^{2+}
α-Lactalbumin; Ca^{2+}; Binding site; Intrinsic fluorescence (Permyakov, E.A. (32) 37)

Cytidylyl-3′,5′-adenosine
Sequence-dependent emission; Excimer emission; Dimer emission; Stacked absorption; Adenylyl-3′,5′-cytidine (Daniels, M. (32) 229)

Cytochalasin
^{13}C-NMR; ^{1}H-NMR; Spin-lattice relaxation rate (Gaggelli, E. (32) 297)

Data analysis
Hemoglobin; Thermodynamics (Di Cera, E. (32) 149)

Dielectric permittivity
Dielectric spectroscopy; L-α-Lysophosphatidylcholine; Gramicidin A; Polypeptide-lipid interaction (Buchet, R. (32) 199)

Dielectric relaxation
Polyelectrolyte; Kerr effect; DNA oligomer; Counterion interaction (Sonnen, W.E. (32) 283)

Dielectric spectroscopy
L-α-Lysophosphatidylcholine; Gramicidin A; Dielectric permittivity; Polypeptide-lipid interaction (Buchet, R. (32) 199)

Dihexadecyl phosphate vesicle
Tetrazole; Permeation; Carboxylic acid; Model membrane (Pernice, P. (32) 15)

Dimer emission
Sequence-dependent emission; Excimer emission; Stacked absorption; Adenylyl-3′,5′-cytidine; Cytidylyl-3′,5′-adenosine (Daniels, M. (32) 229)

Dipole moment
Lysozyme; Mean squared optical anisotropy; Molar Kerr constant; Polyglycine; Tertiary structure; Unperturbed dimension (Dolcet, C. (32) 247)

Distance distribution
Fluorescence spectroscopy; Energy transfer; Frequency-domain fluorometry; Thiopeptide (Wiczk, W.M. (32) 43)

DNA curvature
Conformational energy calculation (De Santis, P. (32) 305)

DNA oligomer
Polyelectrolyte; Dielectric relaxation; Kerr effect; Counterion interaction (Sonnen, W.E. (32) 283)

DNA-protein interaction
Internal dynamics; Macromolecular flexibility; Hydrodynamic parameters; Quasi-elastic light scattering; Global analysis (Kuil, M.E. (32) 211)

DNase 1
Actin; ATPase; Heavy meromyosin; Mechanochemistry (Oplatka, A. (32) 111)

Electrostatic interaction
Membrane interaction; pH (Ohshima, H. (32) 161)

Energy transfer
Fluorescence spectroscopy; Frequency-domain fluorometry; Distance distribution; Thiopeptide (Wiczk, W.M. (32) 43)

Enzymatic system, general model
Catalytic system, elementary; Catalytic system, modeling (Borowiak, M.A. (32) 21)

Europium(III) luminescence
Laser spectroscopy; Phospholipid; Phosphatidylcholine; Bilayer vesicle (Cader, B.M. (32) 97)

Excimer emission
Sequence-dependent emission; Dimer emission; Stacked absorption; Adenylyl-3′,5′-cytidine; Cytidylyl-3′,5′-adenosine (Daniels, M. (32) 229)

Fluorescence
Cholesterol; Cholestatrienol; Model membrane; Lifetime distributional analysis; Small unilamellar vesicle (Schroeder, F. (32) 57)

Fluorescence decay
Frequency-domain fluorometry; Lifetime distribution; Indole (Gryczynski, I. (32) 173)

Fluorescence lifetime
Fluorescence quenching; Pressure dependence; Activation volume; Volume change; Melittin; Parvalbumin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide (Eftink, M.R. (32) 121)

Fluorescence quenching
Pressure dependence; Activation volume; Volume change; Melittin; Parvalbumin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Fluorescence spectroscopy
Energy transfer; Frequency-domain fluorometry; Distance distribution; Thiopeptide (Wiczk, W.M. (32) 43)

Frequency-domain fluorometry
Fluorescence spectroscopy; Energy transfer; Distance distribution; Thiopeptide (Wiczk, W.M. (32) 43)

Fluorescence decay; Lifetime distribution; Indole (Gryczynski, I. (32) 173)

Friction constant
Bundle-like particle (Suda, H. (32) 239)

Global analysis
DNA-protein interaction; Internal dynamics; Macromolecular flexibility; Hydrodynamic parameters; Quasi-elastic light scattering (Kuil, M.E. (32) 211)

Glucose anomerization
Mutarotase; Aldose-1-epimerase; two-dimensional NMR spin-exchange spectroscopy; (Porcine kidney) (Kuchel, P.W. (32) 89)

Gramicidin A
Dielectric spectroscopy; L-α-Lysophosphatidylcholine; Dielectric permittivity; Polypeptide-lipid interaction (Buchet, R. (32) 199)

Heavy meromyosin
Actin; ATPase; DNase 1; Mechanochemistry (Oplatka, A. (32) 111)

Hemoglobin
Data analysis; Thermodynamics (Di Cera, E. (32) 149)

Tryptophan fluorescence; Picosecond spectroscopy; Time-resolved emission (Bucci, E. (32) 187)

Hyaluronate
Small ion distribution; Small ion diffusivity; Chondroitin sulfate; Poisson-Boltzmann equation (Parker, K.H. (32) 271)

Hyaluronate
Small ion distribution; Small ion diffusivity; Chondroitin sulfate; Proteoglycan solution (Maroudas, A. (32) 257)

Hydrodynamic parameters
DNA-protein interaction; Internal dynamics; Macromolecular flexibility; Quasi-elastic light scattering; Global analysis (Kuil, M.E. (32) 211)

Hydrogen exchange
Isotope exchange rate; Viscosity; Kramers model (Somogyi, B. (32) 1)

Indole
Fluorescence decay; Frequency-domain fluorometry; Lifetime distribution (Gryczynski, I. (32) 173)

Intermediate state
Actin; Intrinsic fluorescence; Intramolecular mobility (Kuznetsova, I.M. (32) 73)

Internal dynamics
DNA-protein interaction; Macromolecular flexibility; Hydrodynamic parameters; Quasi-elastic light scattering; Global analysis (Kuil, M.E. (32) 211)

Intramolecular mobility
Actin; Intrinsic fluorescence; Intermediate state (Kuznetsova, I.M. (32) 73)

Intrinsic fluorescence
α-Lactalbumin; Cu^{2+}; Ca^{2+}; Binding site (Permyakov, E.A. (32) 37)

Actin; Intramolecular mobility; Intermediate state (Kuznetsova, I.M. (32) 73)

Isotope exchange rate
Viscosity; Hydrogen exchange; Kramers model (Somogyi, B. (32) 1)

Kerr effect
Polyelectrolyte; Dielectric relaxation; DNA oligomer; Counterion interaction (Sonnen, W.E. (32) 283)

Kramers model
Isotope exchange rate; Viscosity; Hydrogen exchange (Somogyi, B. (32) 1)

α-Lactalbumin
Cu^{2+}; Ca^{2+}; Binding site; Intrinsic fluorescence (Permyakov, E.A. (32) 37)

Laser spectroscopy
Europium(III) luminescence; Phospholipid; Phosphatidylcholine; Bilayer vesicle (Cader, B.M. (32) 97)

Lifetime distribution
Fluorescence decay; Frequency-domain fluorometry; Indole (Gryczynski, I. (32) 173)

Lifetime distributional analysis
Cholesterol; Cholestatrienol; Model membrane; Fluorescence; Small unilamellar vesicle (Schroeder, F. (32) 57)

Light scattering
Association constant; Macromolecular interaction (Crowl-Powers, M.L. (32) 131)

L-α-Lysophosphatidylcholine
Dielectric spectroscopy; Gramicidin A; Dielectric permittivity; Polypeptide-lipid interaction (Buchet, R. (32) 199)

Lysozyme
Dipole moment; Mean squared optical anisotropy; Molar Kerr constant; Polyglycine; Tertiary structure; Unperturbed dimension (Dolcet, C. (32) 247)

Macromolecular flexibility
DNA-protein interaction; Internal dynamics; Hydrodynamic parameters; Quasi-elastic light scattering; Global analysis (Kuil, M.E. (32) 211)

Macromolecular interaction
Association constant; Light scattering (Crowl-Powers, M.L. (32) 131)

Mean squared optical anisotropy
Dipole moment; Lysozyme; Molar Kerr constant; Polyglycine; Tertiary structure; Unperturbed dimension (Dolcet, C. (32) 247)

Mechanochemistry
Actin; ATPase; DNase 1; Heavy meromyosin (Oplatka, A. (32) 111)

Melittin
Fluorescence quenching; Pressure dependence; Activation volume; Volume change; Parvalbumin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Membrane interaction
Electrostatic interaction; pH (Ohshima, H. (32) 161)

Model membrane
Tetrazole; Dihexadecyl phosphate vesicle; Permeation; Carboxylic acid (Pernice, P. (32) 15)

Cholesterol; Cholestatrienol; Fluorescence; Lifetime distributional analysis; Small unilamellar vesicle (Schroeder, F. (32) 57)

Molar Kerr constant
Dipole moment; Lysozyme; Mean squared optical anisotropy; Polyglycine; Tertiary structure; Unperturbed dimension (Dolcet, C. (32) 247)

Mutarotase
Aldose-1-epimerase; Glucose anomerization; two-dimensional NMR spin-exchange spectroscopy; (Porcine kidney) (Kuchel, P.W. (32) 89)

^{13}C-NMR
Cytochalasin; ^{1}H-NMR; Spin-lattice relaxation rate (Gaggelli, E. (32) 297)

^{1}H-NMR
Cytochalasin; ^{13}C-NMR; Spin-lattice relaxation rate (Gaggelli, E. (32) 297)

two-dimensional NMR spin-exchange spectroscopy
Mutarotase; Aldose-1-epimerase; Glucose anomerization; (Porcine kidney) (Kuchel, P.W. (32) 89)

Parvalbumin
Fluorescence quenching; Pressure dependence; Activation volume; Volume change; Melittin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Permeation
Tetrazole; Dihexadecyl phosphate vesicle; Carboxylic acid; Model membrane (Pernice, P. (32) 15)

pH
Electrostatic interaction; Membrane interaction (Ohshima, H. (32) 161)

Phosphatidylcholine
Europium(III) luminescence; Laser spectroscopy; Phospholipid; Bilayer vesicle (Cader, B.M. (32) 97)

Phospholipid
Europium(III) luminescence; Laser spectroscopy; Phosphatidylcholine; Bilayer vesicle (Cader, B.M. (32) 97)

Phospholipid vesicle
Ultrasonic spectroscopy; Sound absorption coefficient; Acoustic relaxation; Rotational isomerization (Kaatze, U. (32) 153)

Picosecond spectroscopy
Hemoglobin; Tryptophan fluorescence; Time-resolved emission (Bucci, E. (32) 187)

Plastoquinone
α-Tocopherol quinone; Charge-transfer complex; Thylakoid membrane (Kruk, J. (32) 51)

Poisson-Boltzmann equation
Small ion distribution; Small ion diffusivity; Chondroitin sulfate; Hyaluronate (Parker, K.H. (32) 271)

Polyelectrolyte
Dielectric relaxation; Kerr effect; DNA oligomer; Counterion interaction (Sonnen, W.E. (32) 283)

Polyglycine
Dipole moment; Lysozyme; Mean squared optical anisotropy; Molar Kerr constant; Tertiary structure; Unperturbed dimension (Dolcet, C. (32) 247)

Polymer phase transition
Statistical mechanics; Random inhomogeneous polymer; Quenched disorder; Replica trick; Coil adsorption (Fernández, A. (32) 167)

Polypeptide-lipid interaction
Dielectric spectroscopy; L-α-Lysophosphatidylcholine; Gramicidin A; Dielectric permittivity (Buchet, R. (32) 199)

Pressure dependence
Fluorescence quenching; Activation volume; Volume change; Melittin; Parvalbumin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Protein dependence
Protein-ligand binding; Binding data analysis; Competitor; Contaminant (Pedersen, J.B. (32) 79)

Protein-ligand binding
Protein dependence; Binding data analysis; Competitor; Contaminant (Pedersen, J.B. (32) 79)

Proteoglycan solution
Hyaluronate; Small ion distribution; Small ion diffusivity; Chondroitin sulfate (Maroudas, A. (32) 257)

Quasi-elastic light scattering
DNA-protein interaction; Internal dynamics; Macromolecular flexibility; Hydrodynamic parameters; Global analysis (Kuil, M.E. (32) 211)

Quenched disorder
Statistical mechanics; Random inhomogeneous polymer; Replica trick; Polymer phase transition; Coil adsorption (Fernández, A. (32) 167)

Random inhomogeneous polymer
Statistical mechanics; Quenched disorder; Replica trick; Polymer phase transition; Coil adsorption (Fernández, A. (32) 167)

Replica trick
Statistical mechanics; Random inhomogeneous polymer; Quenched disorder; Polymer phase transition; Coil adsorption (Fernández, A. (32) 167)

Ribonuclease T_1
Fluorescence quenching; Pressure dependence; Activation volume; Volume change; Melittin; Parvalbumin; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)

Rotational isomerization
Ultrasonic spectroscopy; Sound absorption coefficient; Acoustic relaxation; Phospholipid vesicle (Kaatze, U. (32) 153)

Sequence-dependent emission
Excimer emission; Dimer emission; Stacked absorption; Adenylyl-3′,5′-cytidine; Cytidylyl-3′,5′-adenosine (Daniels, M. (32) 229)

Small ion diffusivity
Small ion distribution; Chondroitin sulfate; Hyaluronate; Proteoglycan solution (Maroudas, A. (32) 257)

Small ion distribution; Chondroitin sulfate; Hyaluronate; Poisson-Boltzmann equation (Parker, K.H. (32) 271)

Small ion distribution
Small ion diffusivity; Chondroitin sulfate; Hyaluronate; Proteoglycan solution (Maroudas, A. (32) 257)

Small ion diffusivity; Chondroitin sulfate; Hyaluronate; Poisson-Boltzmann equation (Parker, K.H. (32) 271)

Small unilamellar vesicle
Cholesterol; Cholestatrienol; Model membrane; Fluorescence; Lifetime distributional analysis (Schroeder, F. (32) 57)

Sound absorption coefficient
Ultrasonic spectroscopy; Acoustic relaxation; Phospholipid vesicle; Rotational isomerization (Kaatze, U. (32) 153)

Spin-lattice relaxation rate
Cytochalasin; ^{13}C-NMR; ^{1}H-NMR (Gaggelli, E. (32) 297)

Stacked absorption
Sequence-dependent emission; Excimer emission; Dimer emission; Adenylyl-3′,5′-cytidine; Cytidylyl-3′,5′-adenosine (Daniels, M. (32) 229)

Statistical mechanics
Random inhomogeneous polymer; Quenched disorder; Replica trick; Polymer phase transition; Coil adsorption (Fernández, A. (32) 167)

Tertiary structure
Dipole moment; Lysozyme; Mean squared optical anisotropy; Molar Kerr constant; Polyglycine; Unperturbed dimension (Dolcet, C. (32) 247)

Tetrazole
Dihexadecyl phosphate vesicle; Permeation; Carboxylic acid; Model membrane (Pernice, P. (32) 15)

Thermodynamics
Data analysis; Hemoglobin (Di Cera, E. (32) 149)

Thiopeptide
Fluorescence spectroscopy; Energy transfer; Frequency-domain fluorometry; Distance distribution (Wiczk, W.M. (32) 43)

Thylakoid membrane
Plastoquinone; α-Tocopherol quinone; Charge-transfer complex (Kruk, J. (32) 51)

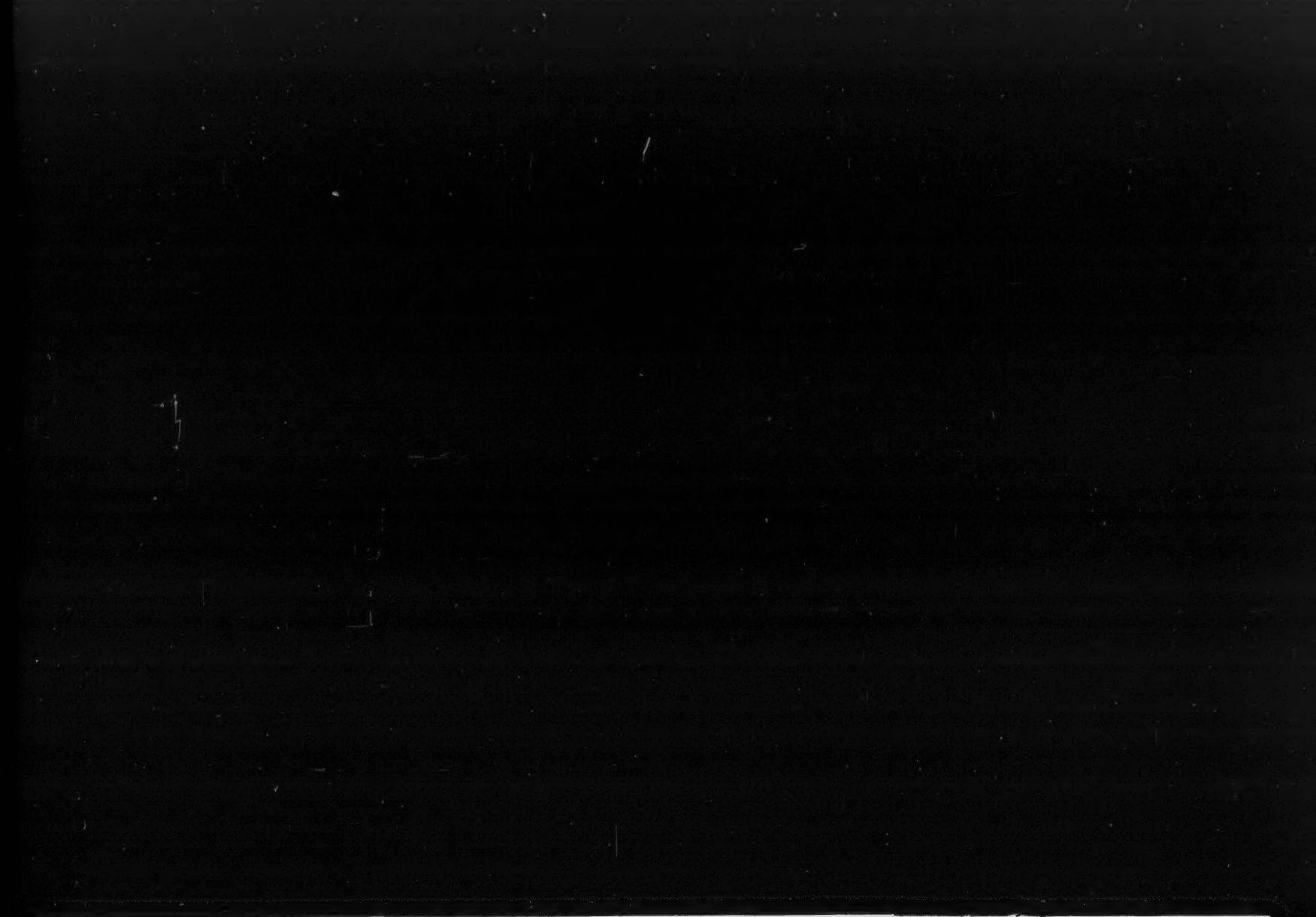
Time-resolved emission
Hemoglobin; Tryptophan fluorescence; Picosecond spectroscopy (Bucci, E. (32) 187)

α-Tocopherol quinone
Plastoquinone; Charge-transfer complex; Thylakoid membrane (Kruk, J. (32) 51)

Tryptophan fluorescence
Hemoglobin; Picosecond spectroscopy; Time-resolved emission (Bucci, E. (32) 187)

Ultrasonic spectroscopy
Sound absorption coefficient; Acoustic relaxation; Phospholipid vesicle; Rotational isomerization (Kaatze, U. (32) 153)

Unperturbed dimension
Dipole moment; Lysozyme; Mean squared optical anisotropy; Molar Kerr constant; Polyglycine; Tertiary structure (Dolcet, C. (32) 247)

Viscosity
Isotope exchange rate; Hydrogen exchange; Kramers model (Somogyi, B. (32) 1)

Volume change
Fluorescence quenching; Pressure dependence; Activation volume; Melittin; Parvalbumin; Ribonuclease T_1; *N*-Acetyl-L-tryptophanamide; Fluorescence lifetime (Eftink, M.R. (32) 121)